

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SE4327SW-D

*This Certificate issued to* RAM Aircraft, Limited Partnership  
7505 Karl May Drive  
Waco, TX 76708

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 13 of the Civil Air Regulations.*

*Original Product Type Certificate Number :* E8CE

*Make :* Teledyne

*Model :* TSIO-520-NB

*Description of Type Design Change:* Increase all operation power rating to 325 horse power (HP) at 40 inches of manifold pressure (MP) and 2700 RPM in accordance with RAM Report 82 -2 dated 03/08/82; or increase all operation power rating to 325 HP at 41 inches of MP and 2700 RPM with RAM Drawing List 1186, Rev. F dated 07/11/86 or later FAA approved revision; or increase all operation power rating to 335 HP at 41 inches of MP and 2700 RPM in accordance with RAM Report No. 91-5 dated 04/30/1991, or later FAA approved revision.

*Limitations and Conditions:*

The following supplements or later FAA approved revisions are required:

(See continuation sheet 3 of 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* July 25, 1980

*Date of issuance :* April 20, 1981

*Date reissued :* October 08, 2001; February 07, 2008;  
August 19, 2008

*Date amended :* 03/29/82; 11/16/84; 07/25/86;  
10/18/91 Revision 4



*By direction of the Administrator*

ORIGINAL SIGNED BY TERRY BOWDEN

(Signature)

Terry L. Bowden  
DAS administrator      DAS-700100-SW  
RAM Aircraft LP      Waco, Texas

(Title)

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SE4327SW-D

Date of Issuance: April 20, 1981

Date Amended: October 18, 1991

Reissuance Date: August 19, 2008

*Limitations and Conditions* (Continued):

- a. For engines modified in accordance with RAM Report 82 -3
  - 1. Overhaul Manual Supplement dated March 1984.
  - 2. Operators Manual Supplement dated March 1982.
  - 3. Parts Manual Supplement dated March 1982.
  
- b. For engines modified in accordance with RAM List No. 1186 or RAM Report No. 91-5:
  - 1. Overhaul Manual Supplement dated June 1986.
  - 2. Operators Manual Supplement dated June 1986.
  - 3. Parts Manual Supplement dated June 1986.

The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.